Osegonte Hopo

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Summary

Proficient in data analysis and AI-driven workflows with a strong focus on automating processes using advanced language models. Passionate about business intelligence, data visualization, and generating strategic insights for decision-making. Committed to continuous learning and impactful project development.

Education

Fachhochschule Südwestfalen, Business Administration with Informatics	*Expected 2028*
Lagos State University, Computer Science	*2023 – 2024*
Vetland Grammar School, WASSCE	*2016 – 2022*

Experience

Tutorial Assistant (English & Mathematics) *Dec 2021 – Jan 2023*
Dr Maths Academy

- Conducted exam supervision and assessments

- Graded assignments and mock exams

- Provided instruction in Mathematics and English

Projects

- **Film Fluent** – Subtitle parser for language learning using Python, spaCy, and FastAPI

- **Iris Classifier** – ML pipeline for flower classification using ensemble models and PCA

- **Sport Analytics App (Football)** – Data-driven app with scraping, PostgreSQL, and ML

- **Sentiment Analysis Dashboard** – Tariff news sentiment vs. market data with Dash & NLP

Professional Skills

Programming & Development: Python (OOP, CLI), SQL, API integration, ETL workflows
Data Science & ML: KNN, SVM, Decision Trees, Random Forest, PCA, Prompt Engineering
Data Engineering: Web scraping, PDF parsing, multi-source integration
Visualization: Dash, Streamlit, Power BI, Plotly, Matplotlib, Seaborn
Practices: Modular architecture, Git, error handling, environment management
Domain Knowledge: Sports analytics, market sentiment analysis, educational NLP tools
Media: Photography, Cinematography, Photo Editing